

Network elements of a first synchronous transport network are to be connected to one another via a second synchronous transport network. For this purpose a frame (STM-4) to be transmitted, including the unchanged overhead sections (MS-OH, RS-OH, AU-PTR) thereof, is packed as payload in a concatenation (VC-4-5v) of newly formed multiplex units (VC-4v) and transmitted in newly formed transport modules via the second transport network.